PATENT APPLICATION FEE DETERMINATION RECORD Effective October 1, 2003

Application or Docke: Number

0.511497

		CLAINS.		S FILED - PART I (Column 1)		(Column 2)		SMALL ENTITY TYPE				OTHER THAN SMALL ENTIT	
TOTAL CLAIMS			100.0					RATE	FEE	<u> </u>	RATE		
	FOR		NUMBE	NUMBER FILED		NUMBER EXTRA		BASIC F	 			103	
TOTAL CHARGEABLE CLAIR		EABLE CLAIMS	minus 20=		*			XS 9=		01	XS18=	<u> </u>	
1V	IDEPENDENT	2	minus 3 =		*		X43=	 	OF	Voc	1		
	ULTIPLE DEPI	ENDENT CLAIM	PRESENT].	+145=		OF		737)	
•	f the differenc	s less than :	ss than zero, enter "		"0" in column 2		TOTAL		- OF	L	1/		
	CLAIMS AS AMENDED - PART II											R THAN	
		(Cólumn 1)		(Colum		(Column 3)	, .	SMALL	ENTITY	OR	SMALI	ENTITY	
AMENDMENT A		CLAIMS REMAINING AFTER AMENDMENT		HIGHE NUMB PREVIOU PAID F	BER USLY	PRESENT EXTRA		RATE	ADDI- TIONA FEE		RATE	ADDI- TIONA FEE	
NON NO	Total	*	Minus	**		=		X\$ 9=		OR	X\$18=		
ME	Independent	*	Minus	***]=		X43=		OR	X86=		
	FIRST PRES	ENTATION OF M	ULTIPLE DE	PENDENT (CLAIN	1		. 1 45	1	7	200	1.	
							L	+145=	ļ	OR	TOTAL		
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		(Column 1)	·	(Column		(Column 3)	_			-		1 .==:	
ENT B		(Column 1) CLAIMS REMAINING AFTER AMENDMENT		(Column HIGHES NUMBE PREVIOU PAID FO	ST R JSLY	(Column 3) PRESENT EXTRA		RATE	ADDI- TIONAL FEE		RATE	ADDI- TIONAL FEE	
NDMENT B	Total	CLAIMS REMAINING AFTER	Minus	HIGHES NUMBE PREVIOU	ST R JSLY	PRESENT	F	RATE X\$ 9=	TIONAL	OR	RATE X\$18=	TIONAL	
AMENDMENT B	Independent	CLAIMS REMAINING AFTER AMENDMENT	Minus	HIGHES NUMBE PREVIOU PAID FO	ST FR JSLY DR	PRESENT EXTRA			TIONAL	OR		TIONAL	
AMENDMENT B	Independent	CLAIMS REMAINING AFTER AMENDMENT	Minus	HIGHES NUMBE PREVIOU PAID FO	ST FR JSLY DR	PRESENT EXTRA		XS 9= X43=	TIONAL	OR OR	X\$18= X86=	TIONAL	
AMENDMENT B	Independent	CLAIMS REMAINING AFTER AMENDMENT	Minus	HIGHES NUMBE PREVIOU PAID FO	ST FR JSLY DR	PRESENT EXTRA		X\$ 9= X43= +145=	TIONAL	OR	X\$18= X86= +290=	TIONAL	
AMENDMENT B	Independent	CLAIMS REMAINING AFTER AMENDMENT	Minus	HIGHES NUMBE PREVIOU PAID FO	ST FR JSLY DR	PRESENT EXTRA	L	XS 9= X43=	TIONAL	OR OR	X\$18= X86=	TIONAL FEE	
AMENDMENT B	Independent	CLAIMS REMAINING AFTER AMENDMENT * NTATION OF MU (Column 1)	Minus	HIĞHES NUMBE PREVIOU PAID FO	ST FR SSLY OR	PRESENT EXTRA	L	X\$ 9= X43= +145= TOTAL	TIONAL	OR OR	X\$18= X86= +290=	TIONAL FEE	
v	Independent	CLAIMS REMAINING AFTER AMENDMENT * NTATION OF MU	Minus	HIĞHES NUMBE PREVIOU PAID FO	ST FR JSLY DR LAIM	PRESENT EXTRA	AD	X\$ 9= X43= +145= TOTAL DIT FEE	TIONAL	OR OR	X\$18= X86= +290=	TIONAL FEE	
v	Independent	CLAIMS REMAINING AFTER AMENDMENT * NTATION OF MU (Column 1) CLAIMS REMAINING AFTER AMENDMENT	Minus	HIGHES NUMBE PREVIOU PAID FO	ST FR JSLY DR LAIM	PRESENT EXTRA = (Column 3). PRESENT	ÄD	X\$ 9= X43= +145= TOTAL DIT FEE	TIONAL FEE	OR OR	X\$18= X86= +290= TOTAL ADDIT. FEE	ADDI- TIONAL	
AMENDMENT C	Independent FIRST PRESE Total Independent	CLAIMS REMAINING AFTER AMENDMENT * NTATION OF ML (Column 1) CLAIMS REMAINING AFTER AMENDMENT *	Minus JLTIPLE DEF	HIGHES NUMBE PREVIOU PAID FO	ELAIM 2) T R SLY R	PRESENT EXTRA (Column 3). PRESENT EXTRA	AD	X\$ 9= X43= +145= TOTAL DIT. FEE	TIONAL FEE	OR OR OR OR	X\$18= X86= +290= TOTAL ADDIT. FEE	ADDI- TIONAL	
AMENDMENT C	Independent FIRST PRESE Total Independent	CLAIMS REMAINING AFTER AMENDMENT * NTATION OF MU (Column 1) CLAIMS REMAINING AFTER AMENDMENT	Minus JLTIPLE DEF	HIGHES NUMBE PREVIOU PAID FO	ELAIM 2) T R SLY R	PRESENT EXTRA (Column 3). PRESENT EXTRA	AD	X\$ 9= X43= +145= TOTAL DIT. FEE RATE K\$ 9=	TIONAL FEE	OR OR OR OR	X\$18= X86= +290= TOTAL ADDIT. FEE RATE X\$18= X86=	ADDI- TIONAL	
AMENDMENT C	Incependent FIRST PRESE Total Independent FIRST PRESE	CLAIMS REMAINING AFTER AMENDMENT * NTATION OF MU (Column 1) CLAIMS REMAINING AFTER AMENDMENT * VTATION OF MU	Minus Minus Minus Minus LTIPLE DEP	HIGHES NUMBE PREVIOU PAID FO	ELAIM 2) T R SLY R	PRESENT EXTRA (Column 3). PRESENT EXTRA	AD	X\$ 9= X43= +145= TOTAL DIT FEE RATE K\$ 9= X43= 145=	ADDI- TIONAL FEE	OR OR OR OR	X\$18= X86= +290= TOTAL ADDIT. FEE RATE X\$18= X86= +290=	ADDI- TIONAL	
AMENDMENT C	Incependent FIRST PRESE Independent FIRST PRESE The entry in columnite Highest Num	CLAIMS REMAINING AFTER AMENDMENT * NTATION OF ML (Column 1) CLAIMS REMAINING AFTER AMENDMENT *	Minus JLTIPLE DEF Minus Minus LTIPLE DEP	(Column HIGHES' NUMBEF PREVIOUS PAID FOR HIGHES' NUMBEF PREVIOUS PAID FOR *** ENDENT CL	ELAIM 2) T R SLY R LAIM	PRESENT EXTRA (Column 3). PRESENT EXTRA =	AD ;	X\$ 9= X43= +145= TOTAL DIT. FEE RATE X\$ 9= X43=	ADDI- TIONAL FEE	OR OR OR OR	X\$18= X86= +290= TOTAL ADDIT. FEE RATE X\$18= X86=	ADDI- TIONAL	